

JUST GLEANINGS

AIR FORCE HAS MANY PLANS

The United States Army Air Force proud of its growing might said that approximately 4,500 airplanes it alone is getting each month now exceeds the total production of Germany, Japan and Italy.

The air force said that in the 18 months ending July 1, the army accepted 75,132 planes.

U.S. HUNTERS TO GET SHELLS

WASHINGTON—The United States war production board was reported last Tuesday ready to allocate enough materials for the manufacture of 100,000,000 shotgun shells for hunting this fall—one-sixth of the output in peacetime years.

No shotgun shells were manufactured for hunters last year.

NO SHELLS FOR CANADIANS

OTTAWA—Prices board officials said recently even if some wholesalers and manufacturers may have a supply of shotgun shells on hand at the moment, the prospects are that there will be no more than enough for essential users.

Officials said there was no prospect those desiring ammunition for sporting purposes would be able to purchase supplies. The ammunition may be sold only to persons such as trappers, prospectors, those guarding crops from pests and those who depend on hunting for food.

MARRIED MEN 27 TO 30, CALLED

OTTAWA—Labor Minister Mitchell announced last week that the call to military training of married men aged 27 to 30 inclusive and of all men who reached the age of 18 this year.

Mr. Mitchell said the order-in-council extending the call-up covers all men not heretofore designated or already under arms, and whatever their marital status, who were born in any of the years 1913 to 1916 inclusive.

Similarly, the call applies to men born in 1925, save that none of them will be served with "order-medals" until they reached the age of 18 and six months.

The Carbon Chronicle

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DUCK AND GOOSE SEASON TO OPEN IN THIS AREA SEPT. 13

Hunters Have Very Few Shells and Can't Get Any

Open seasons on ducks and geese for 1943 have been announced by the federal department of natural resources. In Alberta the season is from one hour before sunrise, Sept. 6, until one hour after sunset, November 20, north of the Athabasca river.

In the area south of the Athabasca river, which includes the Carbon district, the season opens one hour before sunrise on Monday, September 13, and closes one hour after sunset on November 27th.

Bag limits in Alberta will be 12 ducks per day and not more than 10 in the season. On geese the limit is five per day and 25 per season. The possession of migratory birds killed during the open season, is allowed in Alberta until March 31 following the open season.

Some hunters with small stocks of ammunition held over from last year, will be able to enjoy game bird shooting. But no shells are allowed for the sport hunter, and it is expected that shooting will be greatly curtailed in Canada this year, and particularly in the west, where ammunition could not be purchased last year, due to shortage by wholesalers.

LIGHT FROST SATURDAY NIGHT

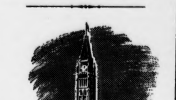
A light frost occurred in various areas under arms, and whatever their marital status, who were born in any of the years 1913 to 1916 inclusive.

Similarly, the call applies to men born in 1925, save that none of them will be served with "order-medals" until they reached the age of 18 and six months.

HARVESTING HAS STARTED

While by no means general in the district, cutting of wheat commenced last Friday on the Leon Coates farm north of Carbon. The wheat is ripe and should yield a fair crop.

Wheat cutting will not be general in the district for another week or ten days, although with the warm weather crops may ripen up faster than anticipated. Wheat crops generally are good and seem to be filling satisfactorily, and fine weather is now wanted to complete the harvest.



British Iron gun carriers, propelled on tractors like tanks, armoured, and manned by machine-gunners, can go almost anywhere and attain high speeds. The picture shows a Iron gun carrier of the Oxford and Dufferin Hampshire Light Infantry negotiating rough country in Northern Ireland.

A WEEKLY EDITOR LOOKS AT

Carbon

Written specially for the weekly newspaper of Carbon
By JIM GREENBLAT

Why is the government pushing production of oil bearing seeds? To keep the Canadian boys punching over there. Four pounds of the lowly sunflower seed produce a pound of oil, a bushel of flax yields about 18 lbs. of oil, while soy beans give about 8 pounds of oil per bushel.

You who grow over the mow on your little lawn at home ought to see what the men have to keep in trim around the Parliament buildings. They are required to have there are about 40 acres of grass to mow after and it keeps a number of men working continually day after day. It was surprising to see the absence of dandelions, so pestiferous in some parts of Canada. The Central Experimental Farm here says a pretty effective treatment for them is spraying the infested area with long-time burning oil at the rate of 2 gallons per every thousand square feet of lawn. No other place does one see more beautiful lawns of grass and such magnificent trees as in Ottawa.

Shortage in fruit crops. Expected higher prices are responsible for the ceiling placed on pears, peaches and plums when they hit the market. All stocks of canned fruits and vegetables with the exceptions like jams and jellies, were frozen on the national list just for the same reason the household leaves or eatable stock alone while taking advantage of the fresh stuff available. Cold and wet weather early this year killed off a lot of peach trees in eastern Canada; but spring hant strawberry and raspberry crops. Blueberries were hurt by late frost a labour shortage; cherries ripened. The Canadian tree fruit crop will likely be down with a 23 per cent increase over last year in Nova Scotia, but reductions from 10 per cent are expected in New Brunswick and B.C.; about 400,000 barrels less. The pear crop looks like 250,000 barrels less; peaches and plums are slightly off. Peaches show a drop of around 67 per cent, affecting both B.C. and Ontario crops. Grapes are expected to be 22 per cent below 1942's record harvest, but the current estimate is nearly a third more than the five year average from 1936 to 1940.

Some people are irked with the news that Canada will not follow the U.S.A. in taking effect of the ration list. But it is pointed out we have only four months' supply here, which is not so much. Besides here's another angle. Because of our low tea ration and relatively high coffee coupon value, the latter's consumption is up 15 per cent over pre-war normal. The increase is down by a half. It would be difficult to eliminate one without the other, they claim.

Pay increases recently announced tie up with the strong campaign in Ontario from Ottawa all over Canada to induce more women to take their places in the services and release men for active duties. There are some 31,775 women now enlisted, but they say they need 60,000 more. In other words, if women are needed. High priority plants will be surveyed to increase production of war goods. Men looking for an increase in half-day work by housewives.

There has been some newspaper editor reaction to this column's subject matter and the handling of it. One objection to anything that might be construed as politics. Another says: "Frankly, I don't see how you can write about it, but most of it is O.K. It would not be right if anyone could write something that everyone agreed with." Which

ROUGH GROUND DOES NOT STOP BRITISH MACHINE CARRIERS



British Iron gun carriers, propelled on tractors like tanks, armoured, and manned by machine-gunners, can go almost anywhere and attain high speeds. The picture shows a Iron gun carrier of the Oxford and Dufferin Hampshire Light Infantry negotiating rough country in Northern Ireland.

CADETS LEAD PARADE AT THE BEISEKER SPORTS

(Received too late for last week)

The Cadets from Iricana and Carbon lead the Beiseker sports parade, headed by a military band from the Calgary and Iricana Cadet corps. The Army Cadets were followed up by a small group of boys from the Acme branch of the Three Hills Air Cadet Corps, with the usual decorative parade bringing up the rear.

The Cadets were given free admittance to the grounds and all enjoyed free treats. The boys took part in many of the events, with a Cadet race as a special feature. Air and Army Cadets took part, the race being won by Lieut. Neil McKay of the Iricana Corps.

In the afternoon a fine display of football and arms drill took place on the main ball diamond, while the Cadet band played.



BRYDA-RAE KING

Bryda-Rae King is one of the principal players in the Summer Theatre Series heard from Winnipeg on Thursday at 6:30 p.m. MDT over the National network. She has retired through illness from a meteoric career on Broadway, during which she played in revivals of The Passing of Third Floor Back and Seventh Heaven.

NO DELIVERY QUOTA ON FLAX

The Canadian Wheat Board announced Saturday there will be no delivery quota on flax during the present crop year. Old or new crop flax may be marketed by any producer at any elevator, at any delivery point, the board said.

SOUNDS IRISH

Food seems to have been in the spotlight around Ottawa—with many announcements concerning an item that takes about a third of every family income. The war has put a big strain on our country's productive capacities. This is shown by figures that food production is now more than 25 per cent above pre-war levels. Hog marketings are up 69 per cent, chicken 60 per cent, and grain acreage shot up 25 per cent to meet live stock and dairy increases. That means our producers have to work harder and be ingenious. The department of labour statistics show a net decrease in the farm workforce during the period March 1939 to March 1943 of 350,000. At the latter date male family help only averaged 21 workers per 100 farms.

Unofficially it is estimated that around 30,000 people are in Ottawa doing temporary work in connection with the war. Looks it on the street and in the eating places. Housing has been a big problem. Maybe you don't know it but the government has built a place called Laurier Terrace, especially for Grade 1 labourers, and the workers which takes care of about 360. It is nicely furnished, and in girls pay \$100 weekly, which includes meals. Helps some.

TO ISSUE RATION BOOKS AT CARBON AUGUST 26, 27, 28

Will Be Distributed From Carbon Municipal Office

Mr. S.F. Torrance, Carbon representative of the Dransfield & Co. board, is now completing arrangements for the issuing of Ration Book No. 3. Books are to be issued at the Carbon Municipal Office on Thursday, Friday and Saturday, August 26, 27 and 28, and the office will be open each day from 10:00 a.m. to 5:00 p.m.

Volunteer help is being used in issuing the new books, and anyone who can spare a couple of hours on the above days are requested to offer their services willingly.

To obtain ration book 3, it will be necessary to present ration book 2, with information completed in the post card at the back. Officials remind that it is wrong to tear out the post card in the back of book 2 and mail it to ration offices, as some people are doing.

These are the rules: A. Print pre-filled letters, serial number, name, address and age, under 16, on the post card in the back of ration book 2.

B. Present ration book 2 to the recorders at the Municipal Office, Carbon, or at the nearest distributing center. Recorders will check information on the postcard with that on the cover of book 2, then transcribe this information to cover of book 3, detach and retain the post card.

C. Receive new ration books and take them home. Do not destroy ration book 2 because from Spare "A" coupons for meat are good until November 25th.

A member of the family, if over 16 years of age, must accompany the person to the community may present ration books of his family or friends to obtain ration books.

BUY WAR SAVING CERTIFICATES

LONG YEARS AGO

August 18, 1932

Wheat cutting in the district is now under way and many fields of wheat are hard to handle, having lodged last week, due to heavy rains.

Loans for the purchase of binder twine are now being generally considered (1932) by the Chartered Banks of Canada, under an arrangement with the government.

About 25 per cent of the farmers are now cutting wheat, and according to reports from the farmers themselves, wheat will average between 35 and 40 bushels to the acre.

The four wranglers, Jim Stafford, Bill Thorburn, Dick Appleby and Geo. Casper, are in a very enjoyable surprise party in the Heskeith Hall on Friday.

The Alberta Pacific Grain Co. has reopened its elevator at Entice again owing to the large crop in the district.

HARVEST CLOTHES

A COMPLETE STOCK OF JACKET, WINDBREAKERS, OVERALLS, WORK PANTS, UNDERWEAR, SHIRTS, SOCKS, WORK SHOES, GLOVES, ETC.

Prices are Reasonable for Quality Merchandise
COME IN AND LOOK OVER OUR ASSORTMENT

THE CARBON TRADING COMPANY

I. Guttman, Prop. Carbon, Alberta

FIVE ROSES FLOUR

CAR OF FIVE ROSES FLOUR IN ALL SIZES JUST UNLOADED

7's, 49's, 98's—Per 98-lb. sack 2.95

FRESH ROLLED OATS AND WHEAT GRANULES

Buy Five Roses Flour and Get More Bread For Your Money

YOU'LL DO BETTER AT THE FARMERS' EXCHANGE RED AND WHITE STORE

Success is nothing but a good idea coupled with hard work.

KILL OR SWAT THE FLY

FLY-OCIDE—Super Strength—8-oz. tin 25c; Refill for 20c 15-oz. tin 45c; Refill for 25c
FLY KIL 43c and 73c; FLY COILS (Sanitary) 12 for 25c
INSECT POWDER—Dragon, 2 for 25c; Fly, each 25c
INSECT POWDER—in bulk 81.25
FLY SWATTERS, each 15c

FREEZER-FRESH ICE CREAM

THE IDEAL HOT WEATHER DESSERT—Per Brick 25c

McKIBBIN'S DRUG STORE

A.F. McKIBBIN, Phm. B., Prescription Specialist, CARBON, ALTA.

OILS AND GREASES

EXCEL OIL, per gallon 67c
MARVELUBE OIL, all grades, per gallon 89c
GUN AND CUP GREASE, in bulk, per lb. 12c
GUN GREASE, per lb. 14c

Transmission Gear Oil in 1 and 5 gal. containers
Oilers—Grease Guns and Repairs

BUILDERS' HARDWARE STORES LTD.

CARBON'S LEADING HARDWARE
WM. F. ROSS, Manager PHONE 3, CARBON, ALTA.

GASOLINE, OILS AND GREASES

Place your order now for your harvest requirements of Gasoline, Oil and Grease
PROMPT SERVICE—GOOD PRODUCTS
SATISFACTION GUARANTEED

GARRETT MOTORS

Phone: 31 S.J. Garrett, Prop. Carbon

The War Against Submarines

CANADIANS WERE TOLD recently that progress is being made in the Battle of the Atlantic and that we can now be said to be holding our own in that important phase of the war. In May the toll of enemy submarines was said to be one a day, and in June the shipping losses in the North Atlantic were the lowest in nineteen months. It is well known to the enemy that the valuable and ever-increasing volume of Canadian and American munitions and supplies must be transported to the battle fronts in ships, and the intensive submarine campaign in the Atlantic was, in part, Germany's answer to the bombing of her industrial centers. On April 7, of this year, Goebbels wrote in the German newspaper "Das Reich": "We possess a terribly effective weapon in submarine warfare which at the moment is hitting Britain harder than the air war is hitting us."

Offensive Was Started Early

Since the beginning of the war Germany has steadily increased her rate of submarine production. It is believed that by establishing a system of standardization, the number of man-hours required to produce a U-boat have been reduced by one-third, and that Germany may have as many as five hundred submarines in commission. This would mean that over one hundred might be at sea at one time. Since the campaign began, Britain and the other United Nations have developed increasingly powerful counter-measures against U-boats. The navies and air forces have co-operated in attacks on any places connected with the building and operating of submarines. In the U-boats themselves when they are at sea. This offensive has been encouraged by the activities of the Anti-U-Boat Warfare Committee, set up in London in 1942.

Air and Naval Attacks Heavy

Submarine bases and building yards on the Continent have been constant targets for air attack and we are told that the majority of submarine crews, which are trained in the Baltic sea, never return to their bases due to the mines laid there by the Royal Air Force. It is estimated that about one-third of the German plants for submarine production have been destroyed by air attack, and Lorentz and St. Nazaire, the principal submarine bases on the French Atlantic coast, have been subjected to numerous thousand-ton raids. Plans of the Coastal Command also attack U-boats relentlessly in the Bay of Biscay, through which they must pass on their way into the Atlantic. The naval forces of Britain, Canada and the United States have all taken part in the offensive and defensive war against the submarine at sea. Many new and secret devices have been brought into use and new, fast-chasing ships have been used. The Canadian navy protects the Western half of the North Atlantic convoy route and Canadian ships, as well as the ship-building yards of the Dominion have played an important part in this critical battle against the submarines.



EGGS AS A MEAT SUBSTITUTE

Now that meat rationing is established, you probably have your own system of meat planning in full swing. In households of two or three people you will find it more and more necessary to serve meatless meals a couple of times a week. You can replace the meat by foods such as eggs, cheese, fish, poultry, which are in the same category nutritionally.

Eggs are important in our diets because they provide us with the best quality protein, essential minerals and vitamins A, D, B1 and B2. You should eat 3 to 4 eggs a day to have an egg dish for supper. You could use part of your weekly supply this way. You do not cook the eggs at a high temperature. The whites become tough—you should always use a moderate, even heat for all types of egg cooking. Eggs are readily and completely digested when properly cooked. You will find eggs of great asset to your menu not only for their palatability but also because they can be used in a variety of ways. Eggs are used as:

- (1) Main dish—souffles, omelets, casserole dishes.
- (2) Leavening agent—in sponge cakes. The egg white holds air beaten into it and keeps a foam. If necessary, half the amount of eggs in a sponge cake may be replaced by milk and baking powder. 1 egg, 2 tbsp. milk and 1/2 tsp. baking powder.
- (3) Thickening agent—in soups. In the egg substitutes, one egg may be replaced by 1 tbsp. flour or 1/2 tsp. corn starch.
- (4) Emulsifier—in mayonnaise.

Write to the Western Division, Health League of Canada, 111 Avenue Road, Toronto, for Egg Dishes.

Hard On Civilians

Restoration of Clothing Is Made Difficult By Labor Shortage

In the tight grip of the coupon we are all learning how to make clothes and other things last longer. And even the army, accused in the past, and not without reason, of reckless extravagance, has taken the lesson to heart. There are military depots in the country where they receive all sorts of damaged goods, repair them, and send them back fit for further service.

The restoration of clothing is the chief work of these establishments. Warm uniforms are cleaned and repaired. They are made, if not as good as new, good enough to be returned and to stand up to more of the rough usage which the soldiers give them. One such unit in the northwest deals in a year with 182,000 battle-dress blouses, 104,000 pairs of trousers, 50,000 coats, and 100,000 greatcoats. There are also under-wool, respirators, anti-gas clothing, and scores of miscellaneous things which the army uses and wears down.

Meanwhile the civilians' efforts to follow this good example are severely handicapped. The staffs of the various firms who clean and "valet" clothes have been so depleted that they cannot always be persuaded to accept garments for treatment, and the customer has learned that he may have to wait weeks, possibly months, instead of the few days that were enough in peace-time—Manchester Guardian.

Lasting only a quarter of an hour, a hailstorm did damage to the value of \$200,000 in Dallas, Tex., in May, 1928.



Roll your owners! Go for Ogden's

The Pony Express, in the old days of the West, carried essential messages... Here is one for you: For complete smoking satisfaction, choose Ogden's. Example of the additons and go for Ogden's—a distinctive blend of choice, ripe tobacco. Ogden's quality for pipe smokers, too, in Ogden's Cut Pipe.



Farm Property

Guide Issued For The Selection Of Agricultural Soils

In evaluating a farm property and estimating the chances of making a satisfactory living from it, the nature of the soil, among many other things, must be given serious consideration, state P. C. Stobbe and A. Lesley, Field Husbandry Division, Dominion Experimental Farms Service, in the Farmers' Bulletin No. 117, "Guide for the Selection of Agricultural Soils." The first essential of success in farming is to have a fertile soil that is adapted to the crops which are to be grown on it. However, in addition to productivity, other factors relating to the soil, such as the cost of tillage and other management operations, must be kept in mind. In order to help farmers in the main features that should be observed in examining farm lands, explained in detail the examination of the eleven soil zones of the Dominion, the various soils, local conditions to be observed, depth, colour, texture, structure, together with a diagram key to soil classes and soil maps of Eastern Canada and the Prairie Provinces. A copy of the bulletin may be obtained by writing to the Publicity and Extension Division, Dominion Department of Agriculture, Ottawa.

Drug Addicts

Study Conducted In U.S. Shows That Many Are Cured

In a follow-up study of 4,708 patients discharged from the U.S. Public Health Service Hospital at Lexington, Ky., after treatment for drug addiction, it was found that 74 per cent of the patients had relapsed and 25.3 per cent had remained abstinent. The figures excluded those who had died or could not be traced. "The general belief that a drug addict can never be cured is not supported by this follow-up study," The Journal of the American Medical Association, comments.

Translucent screens for outdoor motion pictures are used in Free China, so that people on both sides can see the film.

Women On Scientific Front

Employees of the Inspection Board of the United Kingdom in Canada are here shown at their draughting board where they are designing special gauges for use in checking parts of munitions made in Canada's war factories. The gauges are for use by Government inspectors to double check certain articles which must be manufactured to a high precision standard. Women with scientific training have found an outlet for their abilities in this work and these young graduates are helping the Empire to attack the Axis through science.



The ancient Greeks and Romans painted signs on walls in public places as a means of spreading news.



EQUINE ENCEPHALOMYELITIS

Manitoba casualties in the 1941 epidemic of western equine encephalomyelitis (sleeping sickness) were greater than casualties suffered by the Manitoba Regiment at Dieppe, according to Dr. F. W. Jackson, deputy minister of health and public welfare for the province, reporting in the July issue of the American Journal of Public Health.

Results of an experimental vaccination program on 3,000 persons justify continuation of experimentation so that the value of the vaccine used may be ascertained in the vaccine states. There were many more volunteers for the experiment conducted in 14 Manitoba areas than the department was able to immunize.

The Manitoba outbreak was part of a much wider epidemic which affected Saskatchewan, North Dakota and Minnesota, causing a total of 2,807 cases and 342 deaths, with a case fatality rate of 11.6 per cent. North Dakota had 1,108 cases, Minnesota 804, Saskatchewan 543 and Manitoba 509. There were 61 deaths in Saskatchewan and 71 in Manitoba. The Manitoba fatality rate was 15.3 per cent, the highest, while Saskatchewan's rate of 8.1 was the lowest.

Eighty-one per cent of the Manitoba cases were in individuals 21 years of age and over and the "high-risk" group was in the working-age group, 20 to 50 years.

"Western Equine encephalitis would definitely seem to be a disease of adult males in the older age groups, and adult males who work out of doors," Dr. Jackson comments.

The deputy minister said he was distressed to blame on the encephalitis the illness of all those who had not yet recovered, but reported that a study of infants who had contracted the disease showed several cases in which there would probably be permanent disability. Two babies were completely spastic and would be permanently incapacitated.

"Since the occurrence of the epidemic, over one-third of the cases which occurred in the armed forces have since been discharged as 'medically unfit' to take further training," Dr. Jackson reports.

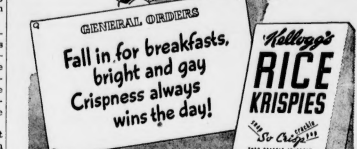
HEALTH OF COAL MINERS

A group of miners, picked at random, will be used in a British Health Department experiment intended to better the health condition of coal workers. They will be examined several times in the next few months and their diet checked carefully.

FOR COMIC OPERA

Were it not so tragic in the Italian people, a merry comic opera could be written on the basis of Mussolini as a modern Caesar. His absurd capricious and bombast have made a perfect libretto and score for Gilbert and Sullivan.

At a meeting of the Standard Cloth Panel held at Bombay (India) plans were made for increasing India's production of cotton piece-goods by 10% to 4,700,000,000 yards, annually.



SMILE AWHILE

Shopkeeper (angrily)—What's the idea of throwing those shoes away?
New Assistant—They're no good.
I've tried 'em on six customers and they don't fit any one.

Señorita—Halt! Who goes there? Voice in the Dark—Cook, with doughnuts for breakfast.
Señorita—Pass, Cook. Halt, doughnuts.

Husband—"My shaving brush is very stiff; I wonder what the bird case yesterday."
Wife—"I don't know; it was nice and soft when I painted the bird case yesterday."

"I want something really nice for a present," explained the shopper to the assistant.
"For your husband, madam?"
"No, from my husband," came the reply, sweetly.

"Did you ever make your living writing poetry?"
"No, but I had a similar experience. I got lost in the woods and didn't eat for a week."

Teacher: "Now, Freddy, why does a polar bear wear a fur coat?"
Freddy: "Oh-er, well I suppose he would look funny in a tweed one!"

Evolution of the automobile:
1940—No running boards.
1941—No gear shifts.
1942—No tires.
1943—No car.

In the early hours the sleeper was roused by his nervous wife saying:
"John, I'm sure I heard someone coming up the stairs."
What's the time?" he asked sleepily.
"Just two o'clock."
"That's all right," he said, turning over, "It'll be me."

Applicant: "Well, here I am about the job you advertised."
Boss: "I see. Do you think you can do the work?"
Applicant: "Work? I thought you wanted a foreman!"

The Royal Navy

Now Much Larger Than When The War Began

With the opening of the "Battle for Europe," the task of the Royal Navy is staggering. It is a pleasant fact that today, despite casualties, it has more ships than it had when the war began, thanks to the tremendous speed-up of Britain's shipyards, which built 800 warships during the first three-and-a-half years of the war; and these shipyards are working at an increased tempo this year.

A scientist estimates that a bee travels 43,776 miles in gathering a pound of honey. Yes, and the consumer travels just as far from store to store trying to find the same pound.



THEY LIKE IT AND DIE

Giant Four-Engine Liberator Bomber Engages in Thrilling Attack On Enemy Submarine

FIRST blood in the war against U-boats since Royal Canadian Air Force units have equipped with giant, four-engine Liberator to close the mid-Atlantic gap in convoy protection, was drawn recently by a crew led by a 25-year-old Edmonton "skipper", Air Vice-Marshal G. O. Johnson, Air Officer Commanding in Chief, Eastern Air Command, who directed aerial protection of convoys in the Northwest Atlantic, has authorized release of details of the first attack on a U-boat registered by an R.C.A.F. Liberator squadron.

Since inauguration of the continuous umbrella over the North Atlantic sea-lanes, attacks on U-boats have become less frequent probably because the undersized Wolf packs have retired to healthier waters. In this first attack the big Liberator roared down to catch the U-boat fully surfaced and almost motionless. It was taken completely by surprise and one Jerry who hurriedly attempted to get a conning-tower gun into action was quickly discouraged by a burst from the Lib's top guns. As the bullets sprayed the Jerry's deck, hull and conning-tower and rocketed kicked up sand on the sea surface, the Liberator's Captain let go the first attack of depth charges. They straddled the fully surfaced U-boat tossing it about like a chip. The aircraft returned to the attack a second and third time and each time the U-boat was enveloped in the tremendous swirls thrown up by the explosions. Then the submarine disappeared leaving only a short trail of air bubbles. "The Jerry sank, planks and a large cylindrical object which the crew could not identify, seemed to the surface and surfaced later a patch of oil appeared."

There is doubt about the fate of the U-boat. The official assessment has not yet been made. It is true to the ultra-conservative tradition, have not claimed a "kill" but they are satisfied that the Jerry got at least a morsel of their killing and there are reasonable grounds for supposing that the submarine may have been too badly damaged to make home port. And the attack was sufficient to whip enthusiasm to a new pitch in a squadron where morale was already high.

Pilot Officer R. R. "Steve" Stevenson of Edmonton, who joined the Air Force in September 1940 immediately after his graduation from high school was "skipper" of the crew whose ages average 24 years. Co-pilot was Flying Officer Bert M. Palmer of Ottawa, aged 23. Other members of the crew were: Pilot Officer W. H. "Bill" Olson of the navigator, 23; Warrant Officer J. J. Perry (the lads call him JJP) of Georgetown, P.E.I., the observer, 22; Warrant Officer W. E. "Widge" Burgess (as Widge is a junior Grenadin) of Winnipeg, upper wingman, 24; Warrant Officer 2 H. Roy Hamer of Hamilton, the radio operator, 25; Flight Sgt. Harry Kostlik of Edmonton who manned the two waist guns and—handles the camera, 25.

The Liberator was giving close coverage to a conning tower near the mid-Atlantic when the submarine was first sighted miles away. As the skipper rounded the alarm call to warn of incoming action, the Lib ducked into clouds to stalk the maulmurder and a few minutes later roared down over him. Excitement ran high but it was well kept and every member of the crew went calmly about his appointed task. "Bill" Olson had the bomb doors open at the right moment and the "Widge" was poised at his guns in the upper turret waiting for the moment that the dive would bring the U-boat into range.

"At about 300 yards, Widge started firing his guns in the top turret. I could see splashes by the bullets as they ricocheted off the conning-tower and deck," Stevenson reported later. "It was a wonderful sight. After the first attack the U-boat was completely obliterated by the explosions of the depth charges which had straddled it. It quickly lost its forward speed and on our second run in a main turret served attempting to get the ship's anti-air gun into action. Widge promptly discouraged him and then chased two more luckless Jerries behind the conning tower. I couldn't see what happened to them because they disappeared in the swirl of water from our depth charges. On our third attack the U-boat was blown over on its side and then settled beneath the surface, leaving quite a bit of debris, and a patch of oil as the only record of its presence."

Flying Officer Palmer, the co-pilot, said that the U-boat seemed to be blown completely out of the water on its side by the force of the depth charges dropped in the third attack.

Admiral Horton At Work



Admiral Sir Max Horton is pictured in his office, London, Eng., with his secretary, Third Officer Kathleen Halloran, of the Wrens. Admiral Horton has the best view of the whole show, where convoys are reduced to pieces of string and arrows as they are charted across the Atlantic to England.

For Army Wives Common Courtesy

Many Canadian Service Men Have Married British Girls

To avoid misunderstanding, the rules about the marriage of American soldiers to British girls have been relaxed, and it is made clear for those brides who want to sail off to the United States that they do not automatically become American citizens, although they may be naturalized in three years instead of five.

There is no similar rule about citizenship for women marrying Canadian serving men here, although other regulations, such as the preliminary permission for marriage from the commanding officer and several months' waiting, are not very different for Canadians and Americans seeking English brides. Wives of Canadians become Canadian natives on marriage and a few of them, usually accompanying their husbands on their return home, have happily settled already in the Dominion.

Canadian military authorities in London give an estimate of over 10,000 marriages as having taken place in this country between English girls and Canadian serving men since the war began. A Canadian correspondent has published the figure of 12,000. Though few of the brides will reach their new homes until after the war, they can learn in advance about their future life.

An experimental week's course for the wives of Canadian serving men has on its syllabus the industry and resources of the Dominion as shown by moving pictures in the history, social services and education, and the practical details of household budgets, homes and their heating, and the value of Canadian money. The Canadian Legion educational service is arranging the course—Manchester Guardian.

VEGETABLE OIL

A bushel of fax yields about 19 pounds of oil; soybeans give about eight pounds per bushel; and slightly over four pounds of maulseed oil are required to produce a pound of oil.

Buy War Savings Stamps regularly.

"We Straddled Him With Depth Bombs... Here"



The crew of the first Liberator to score an attack on a U-boat since their R.C.A.F. "North Atlantic" squadrons was equipped with the big four-engine aircraft, report their success to the Intelligence officer. Pointing to the spot on the chart where they "jumped" the submarine is Pilot Officer H. R. Stevenson of Edmonton, skipper of the crew. Flight Lieut. Fred Miles of Toronto is the co-pilot, and behind them from left to right are Flying Officer Bert Palmer of Ottawa, the co-pilot; Warrant Officer J. J. Perry of Georgetown, P.E.I., the wireless operator; Flight Sgt. Harry Kostlik of Edmonton, waist gunner; Warrant Officer Roy Hamer of Hamilton, radio operator; Warrant Officer W. E. Burgess, Winnipeg, top turret gunner; and Pilot Officer Bill Olson, Toronto, the navigator.

Army Engineers Have Worked On Large Scale To Construct Military Camps Across Canada

HACKED out of wilderness and reared on bald prairie, dozens of modern military cities—many housing tens of thousands of troops and municipal facilities—have mushroomed across Canada in just three years. A quarter of a million young Canadians in khaki today call these war-born cities homes. Expansion of pre-war projects and planning and construction of huge new camps to house the Canadian Army has been the gigantic task of the Royal Canadian Engineers. Their construction feats put the most progressive city-builders in the shade.

Best indication that the work of the Engineers has been on a grand scale has been the sudden bound to prominence of such pre-war way-stations as Debert, Borden, Dandara, Petawawa, Valcartier, Shilo, and Parnham.

Even individual undertakings of the Engineers underscore the "big business" idea. The Camp Borden Military Theatre, which seats 5,200 and is one of the largest theatres in the country, is an engineer achievement.

The neat, grey-colored army camps which skirt many Canadian cities give no clue to the story of Canadian resourcefulness and initiative which he behind their overnight appearance on the Canadian scene. Rapid developments of Canadian chain of military camps have followed a well-ordered plan. While speed has been the watchword of the engineers since war erupted nearly three years ago, efficiency has definitely not been sacrificed.

Weeks of preliminary study of the land have preceded the building of the new facilities. The actual Canadian district slated to receive a new camp guarantee that the chosen site will offer the best towards the comfort and well-being of Canadian soldiers. Sites chosen for new camps sometimes present obstacles which must be hurdled before actual construction can be begun. Nature may stave a wooded belt across the site, or the ground may be unproductive. The engineers at Nature right on these things.

Camp Debert is a typical example of engineer accomplishment. Where now paved roads are laid into a damp tangle system and hundreds of buildings amuse the landscape, more than a thousand acres of forest stood before the war. The engineers moved in to build a modern military city of the wilderness.

As fast as crosscut saws and axes tapped the forest, the engineers fed the trees into a portable sawmill and produced some of the lumber used for the camp on the spot. Thousands of board feet of lumber were salvaged—and the taxpayers' burden eased accordingly.

The actual construction program has naturally given priority to such essential buildings as mess halls and sleeping quarters but entertainment needs of fun-loving soldiers have been recognized in engineers' plans. Engineer-constructed theatres and canteens have sprung up in many larger camps.

Like any other Canadian city, the military camp boasts most municipal facilities. A pattern of paved roads keeps traffic moving steadily in the camp area while private telephone exchanges, form the backbone of an up-to-date communication system at many camps.

Problems peculiar to individual camps have been met with resource and often ingeniously by the engineers. Ice supplies once posed a major problem at Camp Petawawa. The engineers rescued a few spare gasoline engine parts from the repair heap, discovered an endless belt, tackled their task with imagination, and produced a combination ice-cutter and conveyor. This "Rube Goldberg" contraption lodged 4,000 tons of ice from the Ottawa river in the camp's ice house last winter.

Peace In Wartime

Country Roads In England Now Safe For Footmen

A member of the Surrey Walking Club, and holder of many trophies, has revealed how completely the whole aspect of our country roads has been altered by the war.

He spent a recent week-end on a long tramp, staying at night at any wayside inn that was able to put him up. One is the time when it was unsafe to walk on the crown of the road. The passing of a motor car was so rare that he caught himself pausing in his walk to look back at it as it sped past.

What interested him most was an unusual flock of sheep enjoying the sleazier light in the middle of the roadway. He had not seen that for 10 years—Nottingham Post.

Lard is made from about 16 per cent of the weight of the average butchered hog.

BRIG. N. D. LAMBERT



—Canadian Army photo.
Deputy Quarter-Master General (A) in the Quartermaster General's branch of the Canadian Army, and officer administering the Royal Canadian Engineers.

The Personal Touch

Mrs. Churchill Will Direct To Boys Who Collected Money

These are crowded days for the wife of a Prime Minister of England, but Mrs. Churchill has just shown that she can make time to give the personal touch to the small things.

Two West Riding boys, aged eight, recently organized a concert and raised £5. They persuaded someone to send this off to Mrs. Churchill's Aid to Russia Fund, and promptly came an acknowledgment—no the customary formal acknowledgment, but a personal letter from Mrs. Churchill expressing her warm appreciation of their little effort.

There is the human touch which Mr. Churchill himself so often shows.

Pineapple Design Quickly Memorized



The pineapple design of a lovely pineapple design is in no proportion to the ease with which you will make it. Crocheted in five or six rows, each meditation is 10 inches in diameter.

By Christmas, 1942, the Post Office Savings Bank deposits in Great Britain had a balance of £1,000,000,000 (£1,000,000,000); enough to buy 200,000 Spitfires.

Mighty Fallen



A British soldier stands before a big painting of the fallen Mussolini and examines confiscated weapons in Fascist headquarters in Noto, Sicily, after that town had been captured.

Colonial Empire

Voluntary Gifts For Prosecution Of The War Break Large Sums

Apart from the contributions made by British Colonial Governments to wards the cost of their local military forces, the voluntary gifts from the Colonial Empire towards the prosecution of the war now total over £25,000,000 (\$102,120,000). Monetary gifts fall into two main groups—gifts for the prosecution of the war and gifts for war charities; and they have come from every part of the Colonial Empire.

The United Kingdom is providing a great deal of machinery and other equipment to the Colonies in spite of wartime restrictions in supply. Amongst many items of machinery sent out are rice-milling machines to British Guiana, 10,000 saw teeth for Northern Rhodesia, eight windmills for the expanding dairy and stock farming industry in Kenya. Great Britain is also providing instructional films on the use of modern equipment to East African labourers who are using caterpillar tractors, mechanical diggers and other equipment in the construction of roads and aerodromes.

Two-Piece Stand-By



By ANNE ADAMS

This cool, easily made two-piece will be the mainstay of your summer wardrobe! Anne Adams Pattern 4433 is just an instant without the spanking white collar and cuffs... makes up well in a crisp, chambray, smooth gingham or rayon print.

Pattern 4433 is available only in misses' and women's sizes 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 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Comparison Of Bombing Costs For Air Battles

LONDON.—Evidence of economical employment of air power is revealed by the R.A.F. and R.C.A.F. assault on Hamburg in which Germany's second city has been wrecked at a cost of 88 bombers and between 600 and 700 men.

A direct comparison of the R.A.F.'s feat with that of the Luftwaffe in the Battle of Britain is not available for lack of a complete breakdown of Nazi air losses over and around the British Isles.

However, several contrasts are outstanding. The R.A.F.'s and R.C.A.F.'s feat of dropping 9,500 tons of bombs on Hamburg in a few raids represents a larger tonnage than the Luftwaffe dropped upon London during the whole blitz period.

During the blitz, the Luftwaffe lost approximately 2,500 airplanes of all types. About half of the German effort was directed at London so it may be estimated that 1,200 of the planes were lost against the capital. That works out for a ratio of one plane per five tons of delivered bombs.

The R.A.F. and R.C.A.F.'s figures work out to one plane lost per 108 tons of bombs delivered. Nazi losses include both bombers and fighters, making the personnel losses lower per plane.

But the startling disparity in losses more than makes up for the man-hour difference. Germany in time of delivery also stood out in the Hamburg raids, which averaged 45 to 50 minutes each. The German effort is comparable only to the famous World War I preparatory artillery barrages, in which thousands of guns were massed for simultaneous blasts.

Figuring the average cost of an R.A.F. bomber at \$400,000 and the average cost of training the crew at an equal amount, the cost of destroying Hamburg roughly amounts to \$740,000,000.

German figures on casualties are believed to be low. Before the last Hamburg raid, the Germans estimated about 8,000 dead. The London blitz casualties from approximately the same weight of bombs were three times that number. Stockholm rumormongers setting the Hamburg casualties at 200,000 are also believed to be unreliable.

If the German figure is anywhere near correct, it presumably indicates a mass evacuation, possibly after the first attack. In the heaviest attack on London—that of May 10, 1941—1,450 persons were killed.

In connection with the effect of the Hamburg attacks on civilian morale, it is believed they compare with the seven successive air attacks on Liverpool, May 17, 1941, when the city's morale failed to break. However, the Liverpool attacks were only a fraction as severe as those on Hamburg. Plymouth suffered an even more shattering attack late in April, 1941, but forced partial evacuation of the city but morale was maintained.

FRENCH FASCIST

Reported To Have Been Assassinated By Three Unidentified Men

LONDON.—The Paris radio announced the assassination of Jean Monnet, secretary of Jacques Doriot's Fascist Front Popular party, by three unidentified men.

The broadcast, recorded by Reuters news agency, did not state when the assassination took place or give any details.

Doriot, his henchmen and various headquarters have been the object of frequent attacks by French patriots in the past. The political leader's secretary was killed in Paris last August by members of the French underground.

RETURN OF TERRITORY

LONDON.—T. V. Soong, Chinese foreign minister who is visiting Britain, told a press conference that China expects Manchuria and Formosa to be returned to her after the war. When asked about the Chinese attitude toward Hong Kong, the British crown colony, he said he preferred "not to take notice of the question."

USE CANADIAN WHEAT

SACRAMENTO, Calif.—The United States War Food Administration will supply 400,000 tons of Canadian wheat to California delinquents who are critically short of livestock feed, the state department of agriculture announced.

NEW POSTAL SERVICE

Will Be Of Benefit To Officers And Men On Merchant Ships

OTTAWA.—A new postal service to expedite the handling of mail posted in Canada and addressed to officers and men serving on foreign-going merchant ships, was announced by Arthur Randies, director of merchant seamen.

The mail will be cleared through Montreal and should be delivered. Name of person, Name of ship, C-O Post Office Box 9000, Montreal, P.Q. Mr. Randies said the arrangement was made in an endeavor to give further service to seamen and was made possible through the co-operation of Canadian postal authorities, naval postal services and the British ministry of transport.

CHANGE POLICY

Allied Victories May Cause Sweden Into Open Defiance Of Nazis

STOCKHOLM.—Allied victories may be stirring Sweden into open defiance of Germany. Long governed by the wishes of the Nazi giant to the south, political reports at Stockholm say that Sweden now might be ready to deny the passage of German troops through Sweden to the east. Reports that the government already had decided on the move are believed to be true. It is also thought possible that Germany already has been informed of the decision.

Now these observers believe that Sweden has only to decide when to make the decision public. When and if Sweden makes the move, it will be the most important political step in three years.

Air Strength Of Axis Said To Be Failing Fast

LONDON.—The best available statistics of German air strength revealed that the Allied many-front offensive has caused the Luftwaffe to expend its planes at a rate almost double production capacity.

This estimate was regarded by air specialists as a conservative because it does not take into account the terrific blows to the German aircraft industry inflicted by British and Canadian night attacks and the specialized American day raids which were directed against the factories producing the Nazi top fighter plane—the Focke-Wulf-109.

The Allies have estimated Nazi aircraft losses at a conservative maximum but many experts estimate that the actual rate is not more than two-thirds of that. Statistics show that during July were 1,502 aircraft shot down in the European theatre, African theatre and Middle East. These losses were reported by British and American communiques. Russian communiques reported 2,302 German aircraft shot down on the Russian front.

Losses due to planes irreparably damaged, destroyed by ground strafing or wrecked in accidents, placed at an absolute minimum of one-third of combat losses, add up to 400 more. Under the most stringent and conservative assessment of all claims, the total German minimum losses were estimated at 2,400 a month.

An accurate breakdown of German fighter and bomber losses was available for the European theatre only. The U.S. air force destroyed during July a minimum of 500 fighters with 150 more probably destroyed and 270 damaged, not including those shot down by the 108th Bomber Command which normally have the highest fighter score because they fight off swarms of fighters before being shot down. Of 113 German aircraft reported destroyed by the British and Canadians in the European theatre during July 103 were fighters or fighter bombers. This totals a minimum of 703 fighters and fighter bombers in one theatre alone.

The Germans thus were believed to have expended almost an entire month's fighter output in western Europe alone while losing large numbers of fighters in Russia and the Mediterranean theatre.

It is estimated that Germany's first line air strength in western Europe averages about 1,750 planes. German day fighters in western Europe are estimated at 250 which would mean that Fortresses have wiped out the normal German defence force twice over in a single month.

The meaning of these figures is simple: the Luftwaffe is bleeding to death.

Army Medico



—Canadian Army photo.

Accompanying Canadian Sicily invasion forces to the Middle East were Nursing Sisters of the Royal Canadian Army Medical Corps and Capt. Marion Ross, of Toronto, who is the first woman to be commissioned in the Canadian Army as a medical officer. A graduate in medicine of the University of Toronto, Capt. Ross did post-graduate work in bacteriology at the University of London. Before joining the Royal Canadian Army Medical Corps in November, 1942, she held the appointment of Bacteriologist Emergency Public Health Laboratory Service, under the British Ministry of Health.

MILITARY HOSPITAL

WINNIPEG.—Contracts for erection of a new 150-bed military hospital for A4 artillery training centre, Brandon, has been awarded to the Bird Construction Company of Winnipeg, it was announced. Arrangements are being made to work at start immediately.

Wilson's Army In Middle East Is Ready To March

CAIRO.—Future events in the Mediterranean theatre depend upon how far the Allied forces can go in Italy and Middle Eastern troops are ready for any development, Gen. Sir Maitland Wilson, commander-in-chief in the Middle East, said.

Pledging Middle Eastern resources to Gen. Eisenhower's North Africa command "as long as he wants them," Gen. Wilson added the Middle East "must wait on events."

He discussed the possibility that the Germans will be forced to withdraw from the outer fringes of the Aegean islands, including Crete and Rhodes, and said the Nazi troops in the Balkans were first class, including good defensive aviation. Germans now hold all key points on Crete, he said.

"The future depends on how far North Gen. Eisenhower can go in Italy—how hard the Germans resist, what demotions they may accomplish and what they do in the way of destroying communications," Gen. Wilson said.

The Middle East, which was placed under a good deal of strain during the North African coastal campaign, "hasn't been idle" since the North Africa forces moved on to Tunisia and Sicily, Gen. Wilson said.

Commenting on rumors of the establishment of a buffer state under the Valtara across Italy, Gen. Wilson said that he would be displaced by such a development.

"That would be fair to us," he told newspapermen.

Trainbusters!



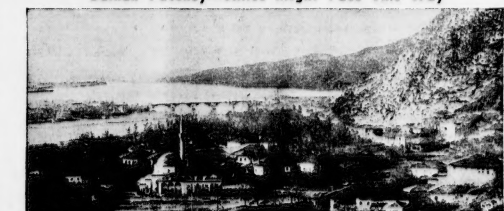
Trainbusters, both of them—these two Royal Canadian Air Force flyers are reluctantly carrying the war against enemy lines of communication and inland. Flying Officer J. A. Morten of the 4th Bomber Squadron, R.C.A.F., and Flying Officer D. M. "Bitty" Grant, D.F.C., of Watrous, Sask., left have both hailed up outstanding records with their daring sorties. Both flyers appear in action in the new R.C.A.F. film "Trainbusters," just released across Canada. "Bitty" Grant, whose outstanding record is nine trains in one day, has been overseas with the R.C.A.F. for the past two years. He was formerly prominent in athletics, attaining distinction as a tennis player at Calgary. Morten was a fireman in days of peace.

Gateway To Yugoslavia—Powder Keg Of Europe



A view of the harbor of Ragusa, gateway to Yugoslavia and that country's showpiece on the Adriatic, which used to be visited by thousands of tourists annually. Ragusa may play a more important role in European history if the Allies select this section of the coast for an invasion. From nearby mountain strongholds General Mihailovich's valiant guerrilla patriots would co-operate with an Allied landing.

Balkan Passkey—Allies Might Pass This Way



Scutari, quiet Albanian town on a large lake adjoining Yugoslavia's southern frontier, has strategic value as the gateway for a possible Allied drive across southern Europe. The aim of such a drive would be to cut the Balkans off from Germany as the prelude to an invasion of the Reich itself.

PROPAGANDA

Pamphlets Distributed In Germany Under Nose Of The Gestapo

STOCKHOLM.—A Swedish newspaper says thousands of propaganda pamphlets are being distributed throughout Germany under the very nose of the Gestapo.

The newspaper says the pamphlets describe what would happen if a political shake-up like the Italian one were to be duplicated in Germany.

Under the title, "Give the Germans the true picture of what happened when Mussolini crashed," the circulars are graphic in their details. They tell how thousands of German war workers strike and parade, shouting "We want peace."

Hitter would resign and retire, the pamphlets say, and Goering, Himmler and Goebbels would be thrown in to jail. "The aroused masses," the pamphlets continue, "would break into Nazi villages and distribute the products among the people."

He told newspapermen: "I would hate to see it now that we are powerful enough to hit Germany."

"It is impossible to fortify future operations. All eyes are on Italy—will the Germans hold her in the war? Will Italy collapse and make terms? And if so, will the Germans be able to make a getaway?"

Gen. Wilson said the Middle Eastern resources were at the disposal of Gen. Dwight D. Eisenhower, commander-in-chief in the central Mediterranean theatre, "as long as he wants them."

"At the same time we have a certain amount of forces for occupation if we need them," Gen. Wilson said. "We've got to watch events closely and be prepared to take advantage of any opening that may occur."

Harvest Help May Be Moved By Use Of Trucks

EDMONTON.—Hugh McAfee, service officer, truck control, of the regional office of Wartime Price Board, said that farmers in Alberta, Saskatchewan and Manitoba may transport extra help in trucks during harvesting operations if farmers first obtain special permits.

The special permit is for the period Aug.-Nov. 15, inclusive, and covers transportation of helpers only if they are going to or coming from harvesting operations. Mr. McAfee said the permit permission temporarily cancels an order disallowing truck transport of farm workers and applies only to the three prairie provinces.

Any problem faced in handling the 1943 grain crop "will be one of storage and not of transportation," Mr. McAfee said.

George Stephens, of Montreal, president of the Canadian Pacific Railway in charge of traffic, said in an interview here: "We do not anticipate any difficulty in moving the crop," he added.

Here on a business trip through western Canada, Stephens and W. J. McKelvey, general manager, returned to Montreal at the end of August.

Recently announced reduction in railway freight rates on less-than-carload lots by Canadian National Railways will have a beneficial effect on the movement of salvage from construction to processing mills, W. S. Kieckieff, of Winnipeg, supervisor of national salvage for western Canada, said here.

Mr. Kieckieff is here to confer with E. C. Fisher, regional organizer for northern Alberta and the Peace River block, B.C., and other organizations interested in salvage work in Edmonton. Former supervisor for Saskatchewan and Manitoba, Mr. Kieckieff was named western supervisor following the retirement of A. Sheline of Calgary, supervisor for Alberta and British Columbia.

TO HOLD COURSES

Educational Lectures For The Benefit Of Service Men And Women

OTTAWA.—Educational and other selected services of Canada's three armed services whose job is to help servicemen and women follow world events will shortly attend courses covering discussion group techniques and current affairs.

They have been arranged by a joint committee composed of the Directors of Education of the Navy, Army and Air Force, representatives of the Canadian Association for Adult Education under the direction of Dr. A. C. Duggan, director of the association, and the Canadian Legion Educational Services of which Col. the Hon. World War Veterans of Montreal, is chairman.

In addition to educational courses, commanding officers of each unit in Canada will select one officer to attend the course designed to further the realization that the soldier who knows both how to fight and why he fights is a better soldier for knowing "why."

Lecturers will be W. H. Brittain, vice-principal of McGill University, H. McE. Chole, University of Manitoba, W. J. McMurtry, University of Toronto, R. M. Saunders, University of Toronto and R. Watrous, Inspector of Schools, Ottawa.

The first classes in English were held at Queen's University and Mount Allison University, early in August. Other classes will be held at McGill University, Aug. 12, 13, 14; University of Toronto, Aug. 16, 17; University of Western Ontario, Aug. 21, 22, 23; University of Manitoba, Aug. 27, 28, 29; University of Saskatchewan, Sept. 2, 3, 4; University of Alberta, Sept. 8, 9, 10 and the University of British Columbia, Sept. 15, 16, 17.

Principal aim of the course is to give instruction in discussion group techniques and provide practice in discussion methods as well as to make available latest information on current affairs and to suggest sources of available material for use in discussion groups.

NEW BARLEY SHIPMENT

NEW BARLEY.—The first crop of new barley was loaded at the Love farm near here by the Manitoba pool in C.N. car 510465 and shipped over Canadian National lines to the Manitoba wheat pool at Port Arthur. The shipment consists of 2,200 bushels and was grown by George J. Wible, J. G. Harder and Isaac Chapensky. Yield was 20 to 25 bushels per acre.

Buy War Savings Stamp regularly.

LENDING A HAND

This Town Feels Off Its Coat And Went To Work

The train had been crowded and rather uncomfortable all day, but the two men in the seat were so engrossed in conversation as to become unaware of what was going on about them. Finally Tom tapped his friend Frank on the shoulder, and said:

"I'll tell you, Frank, our town just has no appeal for ever wanting to live in any of their cities. I don't believe there's another place in all the prairie that's more friendly than ours."

"Well," said Frank, "I think that there are more nicely situated towns than yours; but up our way we have always heard that the folks of Bannerfield did work together mightily well."

"Yes," Tom added, "and it isn't just that alone. You see, ours is a purely rural burg. We haven't factories, we have no Dominion or Provincial buildings; we aren't even a railway division point. Every business man in Bannerfield realizes that ours is just a town that is built on the trade of the farmers. I'll bet you dollars to doughnuts that San Houston, in the hardware store here, can lean back, shut his eyes, and start down any road in the whole municipality, and tell you where he is on every farm, how big that man's farm is, how his crop is coming along, how many cows he milks, and how many of his kids are going to school. And the other business men are just like that too."

"Well, Tom, I don't blame you for wanting to stay in a place like that." Tom warmed up a bit more. "See here, Frank," he said, "you know what a bad fall we had in our part of the country last year. It was a whopper of a crop—good stuff, too—40 and 50 bushels some of it. And the farmers got a good deal of rain because of the wet weather. Well, sir, one afternoon when it was raining just had just nicely got started about a dozen of the farmers came one after the other, called in on me, shook their heads, and said that things were going wrong."

The mayor's a pretty good chap, and he got some of the farmers on the phone, and they decided to call a meeting of the citizens on a Friday night, and talked over the situation generally."

Well, they decided that, with the war on, the farmers couldn't depend any longer upon the city workers, and that almost all of the extra help had to come from their town. They decided that in every afternoon when the weather was fine the business places in town would be run just with a skeleton staff—the old men and the women clerks, and that likely there would not be very many sales anyway."

In their busy sales so seldom came to town.

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Train Navy Men

A Ship On Shore Will Be Used For This Purpose

Just a few steps away from where the fighting vessels tie up after the conveyance, a new ship is being put together on dry land. She'll never taste the salt Atlantic, but many a sea battle will be fought from her bridges.

This new addition to the Royal Canadian Navy is an "action room"—the last word in shore training for submarine-killers. Within its walls—it's actually a sizeable building—convoys are trained. Freighters torpedoed and subs sunk, all in replica of what goes on out beyond the harbor gates.

It is the R.C.N.'s answer—or part of it—to the problem of how to instill sub-hunting experience into its crews before they have actually not up with a U-boat. Under development for months, the "action room" system has reached its peak in the new structure that is expected to go into operation in a few days.

Its predecessor has been in action for a considerable time at H.M.C. dockyard, but it has now been far outmoded. The new "room" simulates the sea at night, with friendly and enemy ships on the surface. The centre is a full-size warship's bridge, revolving on a turret in the rear.

Training officers pose particular problems of warfare by manoeuvring the convoys, other escort ships and attacking submarines. Other training officers watch the results as they are mechanically diagrammed on paper.

The officers on the bridge—most of whom have been chosen for the command course leading to ships of their own, or bridge staffs—come from the sea for a while—try to outfit the attackers, to sink the sub if possible.

Often enough, it is the battle-weave training officers who learn something. Under the stress of the imaginary battle, a tension may come up with some new manoeuvre that looks like a useful addition to the navy's bag of tricks.

If he does it, the navy is quickly absorbed by the navy and passed along to where it will do the most good.

Weed Infestation

Is Generally Considered To Be Evidence Of Neglect

There are countries where land ownership is not cutright and the farmer's tenure can be terminated if he fails to keep it in good order. In Canada there are situations where land reversion to mortgage banks may continue under the occupancy of the farmer, when he accepts supervision of his operations from the bank.

In all western and some eastern provinces there is a Weed Control Act which designates what plants shall be deemed noxious weeds and require removal by owner or tenant of land to destroy them, or necessary to prevent the ripening of their seeds. That is the law, but in view of the fruitless of human nature the Act further provide penalties as a last resort, and inspectors who are to ascertain any failure to heed the law. After first notifying delinquents, inspectors may prosecute or cause to be cut, at the crop owner's expense, such limited part of the crop as may be required, all within certain regulations.

In the course of his duties the competent weed inspector does much more than "spray" upon the farmer. He can be a counsellor with the farmer upon weed matters. He is the "eyes" of the department concerning the advent and spread of new weeds.

The difficulties in the way of the successful working of Weed Acts may appear unmountable. Known weeds can be removed, but the great weakness of all—the personal equation—requires special attention. Weeds are no trifles in the national economy.

A NEW FOOD

The most unusual new food to be found in some time is the new named "butter" developed by the U.S. army research laboratory. It is made with fresh curd cheese and milk powder.

Many persons less than two centuries ago believed the bones of prehistoric animals, dug up from time to time, belonged to an extinct race of monstrous men.

To a harvest festival in a church in Stratford on Avon, England, a fuel dealer sent a lump of coal, asserting that it was "as much a fruit of the earth as wheat."

Army Gets Skilled Cooks From CWAC School

Canadian Army Officials Make Certain Soldiers Are Served Nourishing, Well-prepared Meals

Canadian Army officials make certain soldiers are served nourishing, well-prepared meals. Toward this end, cooking schools for members of the Canadian Women's Army Corps have been organized throughout Ontario, as she removes muffins from the oven under supervision of Staff Sgt. Beata Bounall of Ottawa. On the left is Lieut. Jean Broadfoot of Ottawa, Officer-in-charge of the Kitchener School.



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"Mom, I miss your apple pie," she instructed V.A.D.s in invalid food becoming a forgotten lament for soldiers of the Canadian Army as more and more Canadian Women's Army Corps personnel are being trained as Army cooks.

Example of this is the cookery school at Kitchener, Ont., where more than 500 qualified cooks are being trained every eight weeks. The school is located at the basic training centre, and girls, chosen for the course by an Army Examiner, carry on after completing their basic training.

Officer in charge of the school is Lieut. Jean Broadfoot of Ottawa. Mrs. Broadfoot is a graduate in Household Science from the University of Toronto, and was a teacher in Home Economics in Ottawa for several years. During the last war,

Gestapo Agents

Germany Starts Drive To Stamp Out Activities Of Catholic Students

Numerous arrests have been made by Gestapo agents, advised from Germany said in a drive to stamp out the activities of Catholic students reported to be working against the Nazis in university towns and cities in southern Germany.

With the fortunes of war turning against Germany, interest in churches generally was said to be growing, and tension was reported especially strong among Catholics in Bavaria.

Circulation of numerous pamphlets attacking the Nazi regime, advised said, has been causing the Gestapo great difficulties in that area.

The Gestapo was reported especially vigilant in Munich, Stuttgart, Freiburg, Ulm, Cologne and Innsbruck, where 50 to 60 percent were arrested and sent to the Dachau concentration camp or executed.

India's famous Fourth Division played an important part in the operations against the March Line. They were especially complimented in General Alexander's message to Field Marshal Wavell.

Trees contain about as much water in winter as in summer. In winter, however, the moisture is not stored in the cells, but in the spaces between the cells.

"Virginia" Gets A Visit From The CWAC

"Virginia," tame deer at the Wild Animal Park in Moose Jaw, Sask., stretches her beautiful neck for a choice morsel being fed to her by Pte. Phyllis Beatty of Tompkins, Sask., one of more than 800 members of the Canadian Women's Army Corps who paid a visit to Moose Jaw recently.



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INSECT PESTS

Control Of Insects In Important Phase Of Work In Wartime

Insects in their teeming millions are by far the largest division of the insect kingdom. In all the principal countries, the ravages of destructive insects are kept in check by the work of scientists who rarely come to public notice except when an emergency arises.

Food, clothing, and equipment—the essentials of war—are for both armed forces and civilians—are particularly subject to insect attack. Information on the control of destructive pests must be provided for the farmer who produces the crops, the processor and distributor who handles the products, and the armed forces and civilians who consume them.

A typical example of war work carried out by the Division of Entomology, Science Service, Dominion Department of Agriculture, is the campaign against warble flies of cattle. This pest, which causes injury to the hides required for army boots, harness, belting and other equipment used in the war and on the farm, but reduces the milk flow and consequent production of butter, and decreases the output of beef, must be controlled by the use of insecticides and the slaughter of animals and spoilage of the meat itself. The campaign in the western provinces is being conducted very successfully.

This is only one item in the comprehensive work of the Division of Entomology. Control methods have been devised to reduce the damage caused by grasshoppers, wheat stem sawfly and cutworms on the prairies; market garden, Victoria gardens, and fruit plantations, must be protected; stored grain must be kept from becoming infested on the farms and in the elevators; large forest areas are subject to insect attack and new control methods are constantly being developed.

Insects which attack humans constitute an important problem, and many of them are being worked out for protecting the armed forces and civilians from blood-sucking, disease-carrying insects, both at home and abroad. Much advantage is taken of this fact to rear and liberate in large quantities parasites of such insects, the important pestiferous insects. This work is of special importance in view of the present shortage of insecticides, although the task of finding substitutes for insecticides now in short supply is not being neglected.

Export Trade

Statement Made In British House Of Commons About Trade After The War

Mr. Hugh Dalton, president of the Board of Trade, said in the House of Commons that immediately after the war the Government would have to stimulate and direct export trade in order to reach the goal of a balanced trade set up by various countries in the period between the First and Second Great Wars.

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Speaking in a debate on overseas trade, Dalton said the Government was determined to secure the whole problem of international trade.

He warned "we must not repeat the miserable inter-war experience; the Government must immediately after the war the Government would have to stimulate and direct export trade in order to reach the goal of a balanced trade set up by various countries in the period between the First and Second Great Wars."

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THE CARBON CHRONICLE

Issued Every Thursday at
CARBON, ALBERTA
Member Alberta Division Canadian
Weekly Newspaper Association
E. J. ROULEAU,
Editor and Publisher

— CENTRAL EGG —
GRADING STATION

Pays Calgary Prices For Eggs

on going to press
This Week's Egg Prices are:
A LARGE, per doz. 35c
A MEDIUM, per doz. 34c
GRADE B, per doz. 25c
GRADE C, per doz. 22c
CRACKS, per doz. 20c

AUCTION SALE

Having been favored with instructions from E.W. GORR, who has joined the Army and is leaving the farm, I will sell at his place, 1 1/2 miles West and 5/8 mile North of Swallow, on—

MONDAY, AUGUST 23

11 HEAD OF CATTLE
4 Milk cows, one to freshen before sale; 1 two-year-old heifer, to freshen before sale; 4 yearling Heifers; 2 Yearling Steers; 2 calves; 1 Registered Shorthorn Bull, 1 year old. The above are all well bred Shorthorn cattle.

6 HEAD OF HORSES
Team Gidlings, 5 years old, 3000 lbs; Black Pony, 2 years old, Brown gelding, 2 years; Yearling bay gelding; Boy's Pony, 9 yr. old mare.

38 HEAD OF HOGS — POULTRY MACHINERY
15-20 McCormick-Reeling Tractor; 1912 Olds 4-cylinder truck; 4 ft. International 7 1/2 ft.; 12 ft. International Cultivator; 2 Binders; Harrows, Etc.

ALSO HOUSEHOLD GOODS
See Sale Bill, for Further Particulars
Lunch at Noon—Sale Afterwards

N. BOESE, Auctioneer
License No. 143—12-14
Phone 1213, Swallow — No Reserve

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COAL HAULING

CHAS. PATTISON

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FED GOLD MEDAL HOG SUPPLEMENT
Gold Medal Hog Supplement, mixed with your own grain, will save 1-3 of your grain requirements and in addition produce prime bacon hogs faster—in just 5 months—and at least cost per pound of pork. This all adds up to increased profits from your hogs. Start feeding it TODAY!

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CARBON

ANDERSON
GRAIN & FEED
COMPANIES LIMITED

CALGARY, ALBERTA
WRITE FOR CATALOGUE

BE FAIR TO YOUR MERCHANT

In times of short hock and extra duties due to retreating coupons and other government restrictions the business man of town is rushed on the week ends, while during the forepart of the week he usually has time on his hands.

The country towns as a rule are especially busy on a Saturday afternoon and evening, serving the country people, who are unable to get to town during the week.

In fairness to the business men and the country customers, townpeople should endeavor to do this work and shopping and other business on Friday or Saturday morning, whenever possible, and thus do their part in encouraging trade in Carbon on the week end.

HONEY IN ALBERTA

The honey crop in Alberta will be about normal. The cool weather in the northern part of the province has limited the number of really good crops. In the south, however, where Alberta has reduced net section by the main producing flowers. In spite of an abundance of bloom the hoped-for record honey crop will not be harvested. Fairly distributed, however, it will be large enough to allow every family in Alberta to have some honey, states the Provincial Apiarist, Mr. W.G. LeMaistre.

There has been a very large increase in the number of these keeping bees. Most of these beginners operate only two or three hives to provide honey for their own household. The selling placed on the price of honey has not encouraged the large commercial producers to expand their enterprise at this time because his costs of production and the difficulty of obtaining help have increased.

Beekeepers are experiencing a tremendous demand for honey. They are having difficulty in distributing it fairly among customers. Many who have only purchased honey in small amounts in previous years are asking for one hundred pounds and more this year.

Went, 30, 40, 50!

Ment Normal Pap, Vim, Vigor?

Try these Tonic Tablets. Contains cod liver oil, iron, phosphorus, and other essential elements. Makes you feel like a new man. 30, 40, 50! Ment Normal Pap, Vim, Vigor?

At all drug stores. Get Tonic Tablets. Vitamin Tablets.

REV. C. H. HINCHY, minister

UNITED CHURCH OF CANADA

CARBON:
Preaching Service 11:00 a.m.
Sunday School 12:10 p.m.

GARRETT SCHOOL:
Preaching Service 8:00 p.m.

IRICIANA:
Preaching Service 7:30 p.m.

ALL ARE WELCOME

THE METHODIST BAPTIST CHURCH IN CARBON

Sunday School 10:00 a.m.
Morning Service 11:00 a.m.
Evening Service 7:30 p.m.

OUR INVITATION: Psalm 95-5
O come, let us worship and bow down: let us kneel before the Lord our Maker

REV. E. RIFMER, pastor

THE CHURCH OF ENGLAND IN CANADA

Parish of Christ Church Carbon

The Rev. T. H. Chapman, R.D. INCUMBENT

Organist: Mr. H. M. Isaac
S. S. Supt.: Mrs. E. Talbot

12:15 p.m. Sunday School

Economic Housewives

There was a day when the housewives bought the far-away "bargain" in the belief that it was good business to save a few pennies. But experience taught them a few things. Today's housewives do not buy blindly. They examine the article first and when satisfied with the product they pay a fair price at home. It is economical to make your purchases in CARBON

TOWN AND COUNTRY PERSONALOLOGRAPHS

Mr. and Mrs. A.F. McKibbin and family returned last Wednesday from a holiday spent at Southern Alberta points.

Mr. and Mrs. Alex Reid returned to Carbon last week after spending the past six weeks at the Pacific Coast.

Mrs. C.H. Nash, Mrs. Norman Nash, Mrs. E. Sellen and Mrs. Jas Smith visited in Stettler last week with Mrs. C. Frisen.

Mrs. Harry Birch of Calgary arrived in Carbon last week and is visiting here with friends.

Mr. and Mrs. Jas. Flaws and Mary spent a few days this week at Banff.

W. Thorburn returned to Carbon last week after visiting for the past month or so with his brothers at Edmonton and Evansburg.

According to the Brooks Bulletin, Paul J. Greenan, Tilley Insurance agent and mail carrier for a number of years, left last week to accept a position at Fort Nelson.

Mr. and Mrs. J.J. Ohlhausen and Rev. and Mrs. E.A. Fenske motored to Trochu last Sunday afternoon to attend a Baptismal service, and Rev. Fenske preached the baptism service.

A memorial service in respect of the late Sgt. Wm. Harvey of the R.C.A.F. will be held at the Carbon United Church on Sunday, August 22, at 11:00 a.m. Everybody welcome.

Miss Christina Harvey has accepted position on the staff of the Bank of Montreal at Acme, and left Sunday to take over her new duties. Mrs. Harvey expects to move shortly to Acme, and she and her daughter will reside in the bank building.

According to word from the Royal Canadian Air Force Recruiting centre, Calgary, Dallas W. Edmundson, son of Mr. and Mrs. D.K. Edmundson of Heston, has joined the R.C.A.F. as Aero Engine mechanic, and he was to report duty immediately.

Have you paid your subscription to The Chronicle recently? If not, it is probably due again. Check the label on your paper and if it shows that you are in arrears we would be glad to have you call in and again put your paper in good standing.

Bruce Ramsay, who has been municipal secretary at Calgary for a number of years, has accepted a municipal job at Edmonton and left Sunday to take over his new duties.

Meridel Friesen of Stettler is visiting in Carbon with her grandparents, Mr. and Mrs. C.H. Nash.

WANTED

—FOR SALE—3-roomed house in Carbon, Apply to Ed Martin, New-carrier, Alta.

—FOR SALE—Fenced garden lot in town, Apply to The Chronicle office, 1p

—FOR SALE—8-ft. Massey Harris binder; Samson Rod Weeder; 11-tooth John Deere Cultivator; Van Brunt 20 run double-die seed drill; Grain loader. Apply to James Clayton, Carbon.

—STRAYED—Holstein steer, 8 mos. old. Information as to whereabouts would be appreciated, Apply to John Gohlehouse or The Chronicle office.

Buy More War Savings Certificates!

Rev. S. Evans of Brooks was a Carbon visitor last week.

Shirley Knockmoe of Harris, Sask., is visiting with her aunt, Mrs. J.J. Mortimer.

Teaching service will be held regularly by Rev. R.R. Hinchey at the Garrett School, at 3:00 p.m. Sundays.

Mrs. F. Kemy and daughter Betty of Tarry Valley returned to their home Monday after spending a few days in Carbon at the home of Mr. and Mrs. Frank Emory.

Grasshoppers appear to be thick in many parts of the district, and while they hatched out too late to do much damage to crops this year, there is every possibility of heavy infestation in 1914 and no doubt a poisoning campaign will have to be inaugurated.

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SEEDTIME AND HARVEST

Dr. E. W. Nealey
Director, Agricultural Department
North-West Seed Elevator Association

For Farm Boys

Farming requires a wide variety of skills and a lot of knowledge. The farmer must be a mechanic to get the best out of machinery. A botanist to recognize weeds and mixtures in his crops, a breeder to select the best sires and dams, a nutritionist to fit his stock for the market economically, a pathologist to recognize and control diseases in his crops and livestock, and so on. In addition, he must be a business man and a useful member of his own community.

Our colleges of agriculture have done wonders in training men who wish to devote their lives to research and experimentation; but this is not all. They also provide courses for those intending to farm. These courses do not pretend to teach a boy how to farm, but they do teach him a lot about farm problems that cannot be learned at all, or only with great difficulty, elsewhere. In addition to much useful knowledge of crop production, livestock management and agricultural engineering, the student mixes with farm boys from all over his province and learns something of their problems. He returns to his farm a better farmer and a more useful citizen.

Agricultural training is offered at the School of Agriculture, Olds, Alberta; the University of Saskatchewan, Saskatoon; and the University of Manitoba, Winnipeg. Write to these institutions for information on School of Agriculture courses and short courses in special subjects. Extra copies of this article with additional information may be obtained from line elevator agents.

The explorer had been telling some of his experiences to a group of his friends.

"I remember once when I was in Africa," he said, "I was in the middle of the jungle when a tribe of fierce

savages came rushing at me." His audience was spellbound.

"I just stared at them until I was black in the face and they mistook me for one of their own tribe," explained the explorer.



...can give you the benefit of expert advice in the marketing of your grain

RAWLEIGH PRODUCTS

I have taken over the Carbon Territory for the distribution of RAWLEIGH PRODUCTS, and expect to make the rounds of the district every MONDAY, TUESDAY and WEDNESDAY. QUALITY GOODS REASONABLY PRICED

GEO. W. GOODMAN

IT'S A QUESTION OF LOYALTY

Canada has the loyalty of our Service Men, a full loyalty freely given. No one can force it, nor buy it. But your country has it. YOU have it. Nor can they buy your loyalty, nor force it. You and you alone, can GIVE it.

ONE EFFECTIVE WAY OF GIVING YOUR LOYALTY IS TO BUY.

WAR SAVINGS STAMPS AND CERTIFICATES

Buy as many as you can ... as often as you can.

THE Most YOU CAN LEND IS THE Least YOU CAN DO

Space Donated by the BREWING INDUSTRY OF ALBERTA

Now..YOU can be a Fighting Airman in Double-Quick Time

The R.C.A.F. wants MORE Able-Bodied Men for Aircrew

THERE'S a place actually waiting for you in the gallant band now flying and fighting in R.C.A.F. planes on many different fronts.

More men are urgently needed to increase the attack—to bomb and blast the enemy into unconditional surrender. So, whatever work you are now doing, don't let adventure and glory pass you by. It's your great chance.

A job, even in a war factory, is no longer as essential as fighting in the air. This is a call to every young Canadian who can make the grade.

Planes and Schools are Ready to Train You Quickly

You will be in Air Force uniform right away. No more delay into uniforms. Basic training begins at once. Skilled instructors are waiting. Even planes are waiting.

If you are physically fit, mentally alert, over 17½ and not yet 35, you are eligible. You do not require a High School education.

Aircrew Needed Now for Immediate Training as PILOTS NAVIGATORS BOMBERS AIR GUNNERS WIRELESS OPERATORS (AIR GUNNER)

ROYAL CANADIAN AIR FORCE

Recruiting Centres are located in the principal cities of Canada. Mobile recruiting units visit smaller centres regularly.

AG-3W